

WHAT IS CLAIMED IS:

1. An electrode-connector protecting cap, comprising:  
a hemisphere cap;  
a wing positioned at a periphery of the hemisphere cap and having a  
5 contact surface connected to the electrode-connector; and  
an opening for wire to be passed through and formed in the hemisphere  
cap.
2. The electrode-connector protecting cap as claimed in claim 1,  
10 wherein the hemisphere cap is formed by a transparent plastic.
3. The electrode-connector protecting cap as claimed in claim 1,  
wherein the wing further comprises adhesive to be connected to the  
hemisphere cap.
- 15 4. The electrode-connector protecting cap as claimed in claim 1,  
wherein the wing consists of three portions with 120° spaced from one another.
5. The electrode-connector protecting cap as claimed in claim 1,  
20 wherein the wing is of a loop shape.
6. The electrode-connector protecting cap as claimed in claim 1,  
wherein the wing has a groove.

7. The electrode-connector protecting cap as claimed in claim 1, wherein the opening is positioned at the periphery of the hemisphere cap.

8. The electrode-connector protecting cap as claimed in claim 1, further comprising a tube through which the wire is passed, and contacted around the opening of the hemisphere cap.

9. The electrode-connector protecting cap as claimed in claim 8, wherein the tube is of an arch shape.

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10. The electrode-connector protecting cap as claimed in claim 8, wherein the tube has a wire fixing portion that can securely hold the wire.

11. The electrode-connector protecting cap as claimed in claim 10, wherein the wire fixing portion is of a protruded shape.

12. An electrode-connector for ambulatory physiological signal measurement, comprising:

an electrode-connector having an electrode, a wire, a foam pad surrounding sides of the electrode, an electrode connecting portion taking one of a protruded shape and a recessed shape and electrically connected to the electrode, and a connector taking the other and electrically connected to the wire; and

an electrode-connector protecting cap as claimed in any one of the preceding claims.